

Title (en)

AQUEOUS DISPERSION OF POLYAMIDE RUBBER ELASTIC BODY AND METHOD FOR PRODUCING THE SAME

Title (de)

WÄSSRIGE DISPERSION VON ELASTISCHEM POLYAMIDKAUTSCHUKKÖRPER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

DISPERSION AQUEUSE DE MATÉRIAU ÉLASTIQUE EN CAOUTCHOUC DE POLYAMIDE ET PROCÉDÉ SERVANT À LA PRODUIRE

Publication

EP 2053093 B1 20170628 (EN)

Application

EP 07768430 A 20070710

Priority

- JP 2007064053 W 20070710
- JP 2006222926 A 20060818

Abstract (en)

[origin: EP2053093A1] An aqueous dispersion of polyamide rubber elastic body, which contains an aqueous medium and a polyamide rubber elastic body emulsified and dispersed in the aqueous medium in the presence of a surfactant. The surfactant is used in an amount of 1 to 20 parts by weight based on 100 parts by weight of the polyamide rubber elastic body, and is for example at least one member selected from the group consisting of a polyoxyalkylene alkyl ether sulfate, a dialkyl sulfosuccinate, a fatty acid salt and an ethylene oxide/propylene oxide copolymer. This aqueous dispersion can produce a molded article having the characteristics of the polyamide rubber elastic body, particularly a molded article which hardly suffers from bleeding of the surfactant and is excellent in transparency.

IPC 8 full level

C08G 69/40 (2006.01); **C08J 3/03** (2006.01); **C08J 3/05** (2006.01); **C08L 77/06** (2006.01); **C08L 77/12** (2006.01); **C09D 177/00** (2006.01); **C09D 177/12** (2006.01)

CPC (source: EP US)

C08G 69/40 (2013.01 - EP US); **C08J 3/05** (2013.01 - EP US); **C08L 77/06** (2013.01 - EP US); **C08L 77/12** (2013.01 - EP US); **C08J 2377/12** (2013.01 - EP US)

Citation (examination)

EP 1783156 A1 20070509 - ARKEMA FRANCE [FR]

Cited by

EP3228655A4; FR2962043A1; CN102958496A; US10105310B2; WO2012001298A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 2053093 A1 20090429; **EP 2053093 A4 20110622**; **EP 2053093 B1 20170628**; JP 5345847 B2 20131120; JP WO2008020520 A1 20100107; US 2010234499 A1 20100916; US 2013150508 A1 20130613; US 9234097 B2 20160112; WO 2008020520 A1 20080221

DOCDB simple family (application)

EP 07768430 A 20070710; JP 2007064053 W 20070710; JP 2008529834 A 20070710; US 201313759777 A 20130205; US 37783607 A 20070710